



THE NAVY'S ENVIRONMENTAL MAGAZINE

Currents

Winter 2004

Keeping Tabs on OSPREYS

The Navy Unveils Its Range Sustainment Program
Introducing Navy System Acquisition Environmental Quick Facts
Cleaning Up Kaho'olawe

NAVY SYSTEM ACQUISITION *Environmental* QUICK FACTS

Fact Sheet Provides Program Managers with Up-to-Date Listing of ESOH Resources

The task of incorporating environmental, safety, and occupational health (ESOH) considerations into the Navy's acquisition programs can be a daunting one. The most difficult questions Program Managers face, with respect to incorporating ESOH into their programs, are:

- Where do I start?
- Who can help me?
- What are the actual requirements I need to meet?


Trish Huheey, Acquisition Environmental Manager from the Chief of Naval Operations Environmental Readiness Division (N45) developed "Navy System Acquisition Environmental Quick Facts" to help Program Managers answer these questions. *Quick Facts* help Program Managers quickly locate the resources they need to meet ESOH acquisition program requirements.

For your convenience, pull out and post the following center section.

Navy System Acquisition Environmental Quick Facts contains a list of pertinent personnel, resources and information links that Program Managers can use to help them incorporate sound ESOH principles into their acquisition programs. *Quick Facts* contains a list of ESOH contacts by System Command and Department, including the following organizations:

- Office of the Secretary of Defense,
- Assistant Secretary of the Navy (Research, Development and Acquisition),
- Chief of Naval Operations,
- Naval Air Systems Command,
- Naval Sea Systems Command, and
- Space and Naval Warfare Systems Command.

Other areas of interest include the Department of Defense (DoD) acquisition guidance, ESOH policy documents, Programmatic Environmental, Safety, and Health Evaluation (PESHE) assistance, and links to valuable acquisition and technology related websites that can help Program Managers meet the ESOH challenges their programs may encounter.

For questions about or to request additional copies of *Navy System Acquisition Environmental Quick Facts*, contact Trish Huheey. 

U.S. Navy photos by Photographer's Mate Airman Justin McGarry.



CONTACT

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Space and Naval Warfare Systems Command (SPAWAR)

Contact

■ Jerry Olen
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jerry.olen@navy.mil

Guidance & Resources

■ Acquisition Program Structure Guide
(Send e-mail message to john.bovey@navy.mil.)

Joint Capabilities Integration and Development System (JCIDS)

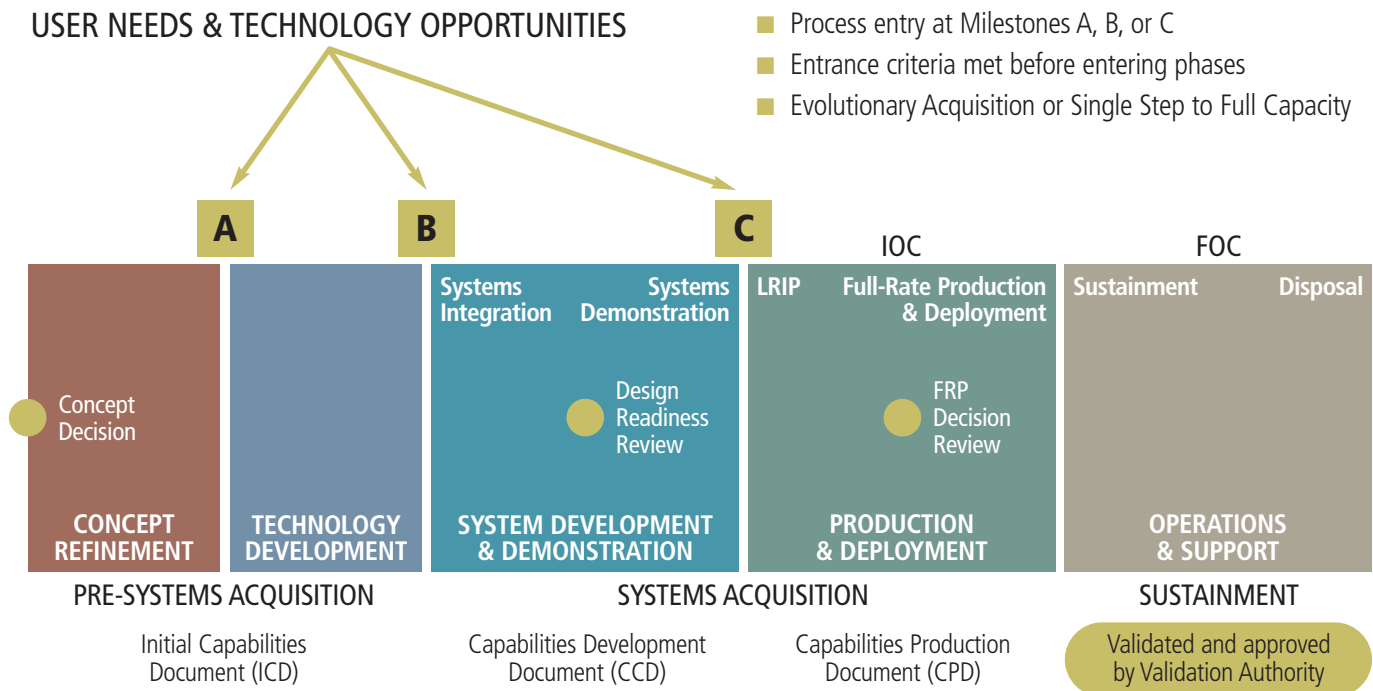
■ Chairman Joint Chief of Staff Instruction (CJCSI), Joint Capabilities Integration and Development System (3170.01C, 24 June 2003)

■ Chairman Joint Chief of Staff Manual (CJCSM), Operation of the Joint Capabilities Integration and Development System (3170.01, 24 June 2003)

National Security Space Acquisition Policy

■ National Security Space Acquisition Policy (SAF/USA Number 03-01, 6 October 2003):
<https://www.safus.hq.af.mil/usa/usap/index.html>

USER NEEDS & TECHNOLOGY OPPORTUNITIES



RELATIONSHIP TO JOINT CAPABILITIES INTEGRATION & DEVELOPMENT SYSTEM



NAVY SYSTEM ACQUISITION

Environmental

QUICK FACTS

Programmatic Environmental, Safety and Occupational Health Evaluation (PESHE) (Department of Defense (DoD) Instruction 5000.2, E7.7) Excerpts

- As part of risk reduction, the Program Manager must prevent environment, safety and occupational health (ESOH) hazards when possible and shall manage ESOH hazards where they cannot be avoided.
- The PESHE must be summarized in the Acquisition Strategy. The summary must include ESOH risks, a strategy for integrating ESOH considerations into the systems engineering process, identification of ESOH responsibilities, a method for tracking progress, and a compliance schedule for National Environmental Policy Act (NEPA) (42 U.S.C. 4321—4370d) and Executive Order 12114.
- During system design the Program Manager must document hazardous materials used in the system and plan for their safe disposal.
- The Component Acquisition Executive (CAE) (or for joint programs, the CAE of the Lead Executive Component) or designee, is the approval authority for system-related National Environmental Policy Act (NEPA) and Executive Order 12114 documentation.
- For acceptance of ESOH mishap risks identified by the program, the CAE is the acceptance authority for high risks, the appropriate Program Executive Office (PEO) for serious risks, and the Program Manager for medium and low risks as defined in the standard practice for system safety (MIL-STD-882D).

Office of the Secretary of Defense

Contact

Office of the Deputy Under Secretary of Defense (Installations & Environment) (ODUSD (I&E))

- David Asiello
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Policy

- Washington Headquarters Service DoD Issuances: <http://www.dtic.mil/whs/directives>
- The Defense Acquisition System (DoD Directive 5000.1, 12 May 2003)
- Operation of the Defense Acquisition System (DoD Instruction 5000.2, 12 May 2003)
- Environmental and Explosives Safety Management on DoD Active and Inactive Ranges Within the United States (DoD Directive 4715.11)
- DoD Ammunition and Explosives Safety Standards (DoD 6055.9-STD)
- DoD Ammunition and Explosives Hazard Classification Procedures (TB 700-2)
- DoD Standard Practice For System Safety (MIL-STD-882D)

Guidance & Resources

- DoD Military Specifications & Standards:
<http://dodssp.daps.mil>
- Defense Environmental Network & Information eXchange (DENIX):
<https://www.denix.osd.mil>
(A DoD password is required.)
- Department of Defense Explosive Safety Board (DDESB):
<http://www.ddesb.pentagon.mil>
- Joint Group on Pollution Prevention (JG-PP):
<http://www.jgpp.com>
- Environmental Security Technology Certification Program (ESTCP):
<http://www.estcp.org>
- Strategic Environmental Research and Development Program (SERDP):
<http://www.serdp.org>
- Joint Service Pollution Prevention (P2) Technical Library:
<http://enviro.nfesc.navy.mil/p2library>



National Environmental Policy Act

- National Environmental Policy Act of 1969:
<http://www.epa.gov/region5/defs/html/nepa.htm>
- 40 Code of Federal Regulations (CFR) 1500-1508, Council for Environmental Quality Regulations for Implementing NEPA:
http://ceq.eh.doe.gov/nepa/regs/ceq/toc_ceq.htm
- Executive Order 12114, Environmental Effects Abroad of Major Federal Actions:
<https://www.denix.osd.mil/denix/Public/Legislation/EO/note11.html>

Hazardous Materials & Ozone Depleting Substances

- Navy Hazardous Materials on-line ordering:
<http://www.navyhazmat.com>
- Naval Supply (NAVSUP) Hazardous Materials Management Aids:
http://www.navsup.navy.mil/npi/prod_serv/support/hazmat/hazmat.jsp
- Environmental Protection Agency (EPA) 17 List of Toxics:
<http://www.hanscom.af.mil/ESC-BP/pollprev/epa17.htm>
- Hazardous Technical Information Services:
<http://www.dsca.dla.mil/htis/htis.htm>

Naval Air Systems Command (NAVAIR)

Contacts

- Herman Varmall
Environmental Acquisition Policy & Program Support Team (AIR-1.1E)
301-757-2155
VarmallHA@navair.navy.mil
- David Brock
Lead Maintenance Technology Center for the Environment
904-542-0156, x-122
BrockDL@navair.navy.mil

Guidance & Resources

- Environmental Acquisition, Policy & Program Support Team site:
<https://www.enviro-navair.navy.mil>

Chief of Naval Operations

Contacts

Chief of Naval Operations
Environmental Readiness Division (N45)

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Policy

- Navy Electronic Directives System:
<http://neds.nebt.daps.mil>

- Implementation of Mandatory Procedures for Major and Non-Major Defense Acquisition Programs and Major and Non-Major Information Technology Programs (SECNAVINST 5000.2B)
- Range Air Installation Compatible Use Zones (RAICUZ) Program (OPNAVINST 3350.1)
- Navy System Safety Program (OPNAVINST 5011.24A)
- Environmental & Natural Resources Program Manual (OPNAVINST 5090.1B)

- Navy Laser Hazards Control Program (OPNAVINST 5100.27)
- Air Installations Compatible Use Zones (AICUZ) Policy (OPNAVINST 11010.36A)

Guidance & Resources

- N451 Acquisition ESOH:
<http://web.dandp.com/n451/programs/p2inacq/p2inacq.cfm>
- N454 Naval Occupational Safety and Health (NAVOSH):
<http://www.navosh.net>
- Pollution Prevention Equipment Program (PPEP):
<http://www.lakehurst.navy.mil/p2>



Operation of the Defense Acquisition System (DoD Instruction 5000.2, 12 May 2003)—Key ESOH Excerpts:

- Sustainment includes environment, safety (including explosives safety), and occupational health. (DoD Instruction 5000.2, 3.9.2.1)
- Systems must be disposed of in accordance with all legal and regulatory requirements and policy relating to safety, explosives safety, and the environment. (DoD Instruction 5000.2, 3.9.3)
- During system design process the PM must document hazardous materials contained in the system, and plan for their safe disposal. (DoD Instruction 5000.2, 3.9.3)
- A Programmatic Environmental, Safety and Occupational Health Evaluation (PESHE) document including a NEPA Compliance Schedule is required for: Program Initiation for Ships; Milestone (MS) B; MS C; and Full-Rate Production Decision Review. (DoD Instruction 5000.2, Table E3.T1.)
- A Test and Evaluation strategy must assess and ensure safety. The PM (with advice of user and test communities) must provide safety releases to the developmental and operational testers prior to any test using personnel. (DoD Instruction 5000.2, E5.1)
- Planning must consider potential testing impacts on the environment by applying NEPA process as appropriate. (DoD Instruction 5000.2, E5.4.5)

Key Acquisition ESOH Guidance—The New “Deskbook”

- Acquisition Community Connection (ACC), ESOH Special Interest Area:
<http://acc.dau.mil>—click on ESOH Special Interest Area then any of the following areas:
 - ESOH in Key Program Deliverables
 - ESOH Policy
 - ESOH Compliance
 - NEPA/EO 12114
 - Hazardous Materials Management
 - Demilitarization & Disposal
 - System Safety
- Acquisition, Technology, and Logistics (AT&L) Knowledge Sharing System (AKSS):
<http://deskbook.dau.mil>—Acquisition and ESOH policy documents on-line
- DoD 5000 Resource Center:
<http://dod5000.dau.mil>

Assistant Secretary of the Navy for Research, Development and Acquisition (ASN (RDA))

Contact

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Naval Sea Systems Command (NAVSEA)

Contacts

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INCLUDE ESOH REQUIREMENTS

Key Document	Update/Review
Solicitation Contracts	MS A through Disposal
MDAP/MAIS only	
AoA	MS A
TDS	MS A,B,C
CDD	MS B
CPD	MS C
Acquisition Strategy (includes Support Strategy)	PI for ships MS B MS C FRP DR
T&E Strategy/TEMP	MS A MS B MS C (update if needed) FRP DR
PESHE (NEPA Compliance Schedule)	PI for ships MS B MS C FRP DR